

APPLICATION  
FOR  
UNITED STATES LETTERS PATENT  
ENTITLED:  
GLUTAMIC ACID DECARBOXYLASE (GAD) BASED DELIVERY SYSTEM

By  
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and  
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jc973 U.S. PTO  
09/863179  
05/23/01BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231Date: May 23, 2001  
Atty Docket No: 102182-12

Sir:

Transmitted herewith for filing is the **patent application** of:Inventor(s): **Matthew During and Michael Kaplitt**  
Entitled: **GLUTAMIC ACID DECARBOXYLASE (GAD) BASED DELIVERY SYSTEM**

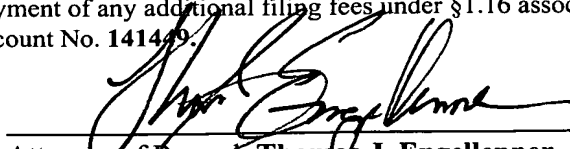
Enclosed are:

- ☒ Patent application (including 59 sheets of Specification; 3 sheets of Claims (Claims #1 - 25); 1 sheet of the Abstract; 1 page of Sequence Listing(s); and 30 sheets of ☒ informal ☐ formal drawings (one set) (FIGS 1, 1A-1F, 2, 3, 4, 5A, 5B, 6A, 6B, 7A, 7B, 8, 9, 10, 11A, 11B, 12A, 12B, 13, 14, 15, 16, 17A, 17B, 18A-18F, 19A, 19B, 20A, 20B, 21, and 22));
- ☒ Title Sheet for Patent Application;
- ☒ Declaration and Power of Attorney (☐ executed ☒ unexecuted);
- ☐ Applicant claims small entity status under 37 CFR 1.27.
- ☐ Information Disclosure Statement (w/Form PTO-1449 and copies of referenced documents);
- ☐ Assignment (w/Recordation Cover Sheet) of the invention to \_\_\_\_\_;
- ☐ Check in the amount of \$40.00 representing Assignment Recordal Fee;
- ☐ Check in the amount of \$\_\_\_\_\_ representing filing fee based on  
☐ large entity status ☐ small entity status;
- ☒ Bibliographic Data Sheet; and
- ☒ Postcard receipt.

CLAIMS FILED:	MINUS BASE:	EQUALS EXTRA CLAIMS:	RATE:	BASIC FEE \$ 710.00
Total: 25	20	5	x \$ 18.00	\$ 90.00
Independent: 3	3	0	x \$ 80.00	\$ 0.00
Multiple Dependent Claims (1st presentation)			\$270.00	\$ 0
SUBTOTAL FILING FEE				\$ 800.00
Applicant claims small entity status under 37 CFR 1.27, divide by 1/2				\$
TOTAL FILING FEE				\$ 800.00

☒ Please charge Deposit Account No. 141449 in the amount of **\$800.00** representing the filing fee and five (5) additional claims. The Commissioner is hereby authorized to charge payment of any additional filing fees under \$1.16 associated with this communication or credit any overpayment to Deposit Account No. 141449.

**SUBMIT IN DUPLICATE**  
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993643.1

  
Attorney of Record: **Thomas J. Engellenner**  
Registration No: 28, 711

**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES LETTERS PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**GLUTAMIC ACID DECARBOXYLASE (GAD) BASED DELIVERY SYSTEM**

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on:

as Application No.: , Confirmation No.: (if known)],

and was amended on:  
(if applicable).

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

## FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(check one)

- ☒ no such foreign applications have been filed.
- ☐ such foreign applications have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION


### CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(s)

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

(check one)

- ☐ no such U.S. provisional applications have been filed.
- ☒ such U.S. provisional applications have been filed as follows:

Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119(e)
60/206,281	May 23, 2000	<u>  X  </u> Yes    No <u>      </u>
		<u>      </u> Yes    No <u>      </u>
		<u>      </u> Yes    No <u>      </u>

### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(s)

I hereby claim the benefit under Title 35, United States Code §120, of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

(check one)

- ☒ no such U.S./PCT applications have been filed.
- ☐ such U.S./PCT applications have been filed as follows:

Application Number	Date of Filing (month,day,year)	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

William C. Geary III	Reg. No. 31,359	Reza Mollaaghababa	Reg. No. 43,810
Thomas J. Engellenner	Reg. No. 28,711	Tram Anh T. Nguyen	Reg. No. 47,257
David J. Powsner	Reg. No. 31,868	Lisa J. Michaud	Reg. No. 44,238
Michael I. Falkoff	Reg. No. 30,833		
Ronald E. Cahill	Reg. No. 38,403		

all of Nutter McClennen & Fish, LLP, One International Place, Boston, Massachusetts 02110-2699, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

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